

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Express Mail No.: EV 351237185 US*

Applicant : Alexander G. MacInnis, et al.  
Application No. : To be assigned  
Filed : January 22, 2004  
Title : GRAPHICS DISPLAY SYSTEM WITH UNIFIED MEMORY  
ARCHITECTURE  
Grp./Div. : To be assigned  
Examiner : To be assigned  
Docket No. : 51708/JEJ/B600

**INFORMATION DISCLOSURE STATEMENT  
FOR A CONTINUING NON-CPA APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

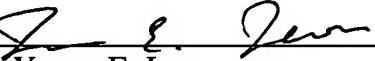
Post Office Box 7068  
Pasadena, CA 91109-7068  
January 22, 2004

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, enclosed is FORM PTO/SB/08A/B. The references listed thereon are not enclosed because they were of record in a parent application, Application No. 10/322,059, filed December 17, 2002.

It is respectfully requested that these references be considered in the examination of this application, and identified in the list of references cited on the patent issuing on this application.

Respectfully submitted,  
CHRISTIE, PARKER & HALE, LLP

By   
Jun-Young E. Jeon  
Reg. No. 43,693  
626/795-9900

JEJ/sd  
Enclosure(s)  
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FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B	Attorney Docket Number	51708/JEJ/B600
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	January 22, 2004
	Applicant(s)	Alexander G. MacInnis et al.
	Group Art Unit	To be assigned
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U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (If Known)	Publication Date MM-DD-YYYY	Name of Patentee
		5,301,332	04-05-1994	Dukes
		5,371,877	12-06-1994	Drako et al.
		5,539,891	07-23-1996	Childers et al.
		5,598,545	01-28-1997	Childers et al.
		5,623,311	04-22-1997	Phillips et al.
		5,765,010	06-09-1998	Chung et al.
		5,793,384	08-11-1998	Okitsu
		5,889,949	03-30-1999	Charles
		5,948,082	09-07-1999	Ichikawa
		5,953,691	09-14-1999	Mills
		6,006,286	12-21-1999	Baker et al.
		6,105,048	08-15-2000	He
		6,157,978	12-05-2000	Ng et al.
		US 6,178,486 B1	01-23-2001	Gill et al.
		US 6,189,073 B1	02-13-2001	Pawlowski
		US 6,199,131 B1	03-06-2001	Melo et al.
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		US 6,215,703 B1	04-10-2001	Bogin et al.
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		US 6,374,244 B1	04-16-2002	Shibata
		US 6,434,319 B1	08-13-2002	Wine
		US 6,466,624 B1	10-15-2002	Fogg

#### FOREIGN PATENT DOCUMENTS

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		5,526,054	06-11-1996	Greenfield et al.
		6,100,826	08-08-2000	Jeon et al.

FOREIGN PATENT DOCUMENTS					
EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> (✓)
		EP 0746116 A2	12-04-1996	Mitsubishi Denki Kabushiki Kaisha Tokyo 100 (JP)	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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		4,367,466	01-04-1983	Takeda et al.
		4,688,033	08-18-1987	Carini et al.
		5,043,714	08-27-1991	Perlman
		5,418,535	05-23-1995	Masucci et al.
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		5,577,187	11-19-1996	Mariani
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		5,940,089	08-17-1999	Dilliplane et al.
		5,963,262	10-05-1999	Ke et al.
		6,002,411	12-14-1999	Dye
		6,046,740	04-04-2000	LaRoche et al.
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		6,320,619 B1	11-20-2001	Jiang
		6,326,984 B1	12-04-2001	Chow et al.
		6,327,000 B1	12-04-2001	Auld et al.
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		6,151,074	11-21-2000	Werner
		6,411,333 B1	06-25-2002	Auld et al.

FOREIGN PATENT DOCUMENTS					
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OTHER DOCUMENTS					
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<p>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at <a href="http://www.pto.gov">www.pto.gov</a> or MPEP 901.4. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English Language Translation is attached.</p>	

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		4,532,547	07-30-1985	Bennett
		4,959,718	09-25-1990	Bennett
		5,467,144	11-14-1995	Saeger et al.
		5,471,411	11-28-1995	Adams et al.
		5,550,594	08-27-1996	Cooper et al.
		5,570,296	10-29-1996	Heyl et al.
		6,098,046	08-01-2000	Cooper et al.

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		6,064,676	05-16-2000	Slattery et al.
		6,111,896	08-29-2000	Slattery et al.
		US 6,169,843 B1	01-02-2001	Lenihan et al.
		US 6,351,471 B1	02-26-2002	Robinett et al.
		US 6,351,474 B1	02-26-2002	Robinett et al.

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FORM PTO/SB/08A/B (10-01)  
Substitute for PTO-1449A/B

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		5,621,869	04-15-1997	Drews

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		EP 0840276 A2	05-06-1998	Texas Instruments Incorporated	
		EP 0840277 A2	05-06-1998	Texas Instruments Incorporated	
		WO 94/10641 A1	05-11-1994	THE 3DO COMPANY	
		GB 2287627 A	09-20-1995	VTECH Electronics Ltd	

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		5,148,417	09-15-1992	Wong et al.
		5,432,769	07-11-1995	Honjo
		5,469,223	11-21-1995	Kimura
		5,488,385	01-30-1996	Singhal et al.
		5,619,270	04-08-1997	Demmer
		5,621,478	04-15-1997	Demmer
		5,907,295	05-25-1999	Lin
		5,982,305	11-09-1999	Taylor
		US 6,208,671 B1	03-27-2001	Paulos et al.
		US 6,339,434 B1	01-15-2002	West et al.
		US 6,408,436 B1	06-18-2002	de Haas

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EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,155,816	10/1992	Kohn	395	375	
	5,398,211	03/1995	Willenz et al.	365	230.05	
	5,604,514	02/1997	Hancock	345	154	
	5,758,177	05/1998	Gulick et al.	395	800.01	
	5,864,345	01/1999	Wickstrom et al.	345	431	
	5,949,439	09/1999	Ben-Yoseph et al.	345	503	
	5,951,664	09/1999	Lambrecht et al.	710	124	
	5,956,041	09/1999	Koyamada et al.	345	420	
	5,987,555	11/1999	Alzien et al.	710	129	
	6,006,303	12/1999	Barnaby et al.	710	244	

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EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	MOTOROLA, INC., MC92100 "Scorpion" Graphics Display Generator, SDRAM Controller, and Digital Video Encoder, 1997, 6 pages.
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		4,020,332	04-26-1977	Crochiere et al.
		4,679,040	07-07-1987	Yan
		5,097,257	03-17-1992	Clough et al.
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		5,258,747	11-02-1993	Oda et al.
		5,262,854	11-16-1993	Ng
		5,307,177	04-26-1994	Shibata et al.
		5,384,912	01-24-1995	Ogrinc et al.
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		5,432,900	07-11-1995	Rhodes et al.
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		5,515,077	05-07-1996	Tateyama
		5,533,182	07-02-1996	Bates et al.
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	Application Number	To be assigned
	Filing Date	January 22, 2004
	Applicant(s)	Alexander G. MacInnis, et al.
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

U.S. PATENT DOCUMENTS				
EXAMINER INITIALS	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - kind code <sup>2</sup> (If known)	PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE
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EXAMINER INITIALS	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup> ( <input checked="" type="checkbox"/> )
		EP 0752695 A2	01-08-1997	Sun Microsystems, Inc.	
		EP 0840505 A2	05-06-1998	Texas Instruments Incorporated	
		WO 00/28518	05-18- 2000	Broadcom Corporation	

OTHER DOCUMENTS		
EXAMINER INITIALS	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		SUN, HUIFANG et al., "A New Approach for Memory Efficient ATV Decoding," 1997 IEEE International Conference on Consumer Electronics, Pages 174-175, Los Angeles, 1997.
		BLINN, JIM, "Jim Blinn's Corner: Dirty Pixels," Chapter 16, Pages 179-190; Morgan Kaufman Publishers, Inc., San Francisco, California, 1998.
		FOLEY, JAMES D. et al., "Computer Graphics: Principles and Practice," 4 Pages, Second Edition in C, Addison-Wesley Publishing Company, USA, 1996.
		BAO, JAY et al., "HDTV Down-Conversion Decoder," IEEE Transactions on Consumer Electronics, Pages 402-410, Volume 42, No. 3, August 1996.
		MOKRY, ROBERT et al., "Minimal Error Drift in Frequency Scalability for Motion-Compensated DCT Coding," IEEE Transactions on Circuits and Systems for Video Technology, Pages 392-406, Volume 4, No. 4, August 1994.

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OTHER DOCUMENTS		
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U.S. PATENT DOCUMENTS						
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FOREIGN PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION
						YES

OTHER DOCUMENTS						
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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